

DISSERTATIO ACADEMICA
SISTENS
**HORTUM
ACADEMIÆ
ABOENSIS,**

Cujus
PARTEM SEPTIMAM,
VENIA AMPL. FAC. PHIL. IN IMPERIALI ACAD.
ABOËNSI,

PUBLICO EXAMINI SUBMITTUNT

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ABOÆ

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THESES.

I. Barbam & capillitium ex tonsione frequentiore densiora fieri quotidiana docet experientia, idque ex pilorum numero aucto ortum putant, quod vero nos aliter explicare malumus: pili scilicet revera non sunt cylindri sed conii elongati, atque crescentes in eandem formam continuo extenduntur, sicque post rasuram recrecentes conos exhibent truncatos, quibus apex eadem est crassitie atque antea fuerat basis; unde judicamus majorem illam densitatem non e numero pilorum multiplicato, sed ex crassitie singulorum aucta esse ortam.

II. Instrumenta motus præstantissimos in Ordinatione Mammalium systematica exhibere characteres, ex dispositione eorum a Celmo BLUMENBACH facta satis superque elucet: neque tamen spernendi sunt dentes, in primis molares; ad quos si accuratius attendisset summus ille LINNÉ, nec in incisoribus, uti exterioribus, totus hæsisset, Vespertiliones certe non eidem cui Hominem, nec Elephantem eidem cui Myrmecophagas Ordini adjunxisset.

III. Organa ad vitam animaleam apprime necessaria, nobilioraque indidita, in cavitatibus corporis intus recondita, constantiorem in animalibus cunctis servant structuram, quam exteriores partes, plerumque varie & mirifice ludentes; unde judicatur quanti sit Anatomia comparata momenti ad naturales animantium Familias eruendas. Quam, uti adhucdum parum excultam, minoris faciens LINNÉ, graviter interdum hallucinatus est; cujus rei exemplo nobis sunt Mollusca & Testacea, Vermibus eo auctore adnumerata, licet aliis plane ac perfectioribus quam hi organis utantur, functionumque plurium gravissimarum concursu ad similitudinem superiorum animalium propius accedant quam Vermes, immo Insectis hoc capite longe præsent.

IV. Notam, quam in Ranas quadrare animadverterat III. LINNÉ, cor sc. uniloculare, uniauratum, male ad cætera Amphibia extendit; est enim reliquis tribus horum Ordinibus, Testudines dico, Lacertas & Serpentes, cor unum licet, attamen dissepimentis in plures concamerationes divisum, sinubusque insuper binis instructum.

V. Neque firmiore Insectorum Vermiumque Character a corde desumptus stat talo; certum enim est Insecta, ut circulatione sanguinis, ita & organo ejus principali, prorsus carere; atque inter Vermes LINNÆI Mollusca tantum & Testacea corde gaudent, sed eo sæpe duplici, immo triplici, tanta in his ipsis etiam sinuum varietate, ut in variis ejusdem animalis cordibus jam plures sint, jam pauciores, jam prorsus absint.

| | |
|-------------------------------|---------------------------------|
| Carduus crassifolius | Eriospermum Africanum |
| nitidus | Eryngium Bourgati |
| Carlina simplex | giganteum |
| Cassia occidentalis | planum |
| Centaurea caucasica | Ferula orientalis |
| Cestrum laurifolium | persica |
| Chelone obliqua | Ficus oppositifolia |
| Chironia linoides | religiosa |
| Chrysanthemum indicum | Galega montana |
| Cineraria cordifolia | Gentiana asclepiadea |
| Cistus creticus | cruciata |
| incanus | macrophylla |
| laxus | Geranium aconitifolium |
| Clematis Vitalba | planum |
| Clerodendron viscosum | striatum |
| Colchicum autumnale | Geum canadense |
| Costus speciosus | macrophyllum |
| Crasula arborescens | virginianum |
| Curcuma rotunda | Gnaphalium margaritaceum |
| Cymbidium ensifolium | Gossypium peruvianum |
| Cytisus nigricans | Halleria lucida |
| Delphinium exaltatum | Hedysarum alpinum |
| hybridum | obscurum |
| urceolatum | violaceum |
| Digitalis lutea | Hemerocallis odorata |
| Dorycnium latifolium | Hermannia decumbens |
| Dracontium pertusum | Hibiscus speciosus |
| Dracocephalum altaicum | Hibiscus syriacus |

N

Hie-

Hieracium amplexicaule
Kalmianum
paniculatum
fabaudum
urens

Iris cristata
lurida
sambucina
spuria

Justicia Gendarussa
peruviana

Lepidium coronopifolium
latifolium

Leptospermum Scoparia
Thea

Leucojum æstivale
Lupinus nutkagensis
Lysimachia verticillata
Lythrum verticillatum
virgatum

Malva lactea
Melaleuca hypericifolia
Mentha austriaca

Mesembryanth: crassicaule
crassifolium
declinatum
expansum
geniculatum

Mesembr: glaucum
maximum
spectabile
umbellatum
uncinatum
indicum

Metrosideros Saligna
Mimulus glutinosus
Musa coccinea
paradisiaca

Narcissus Jonquilla
Tazetta

Pasiflora angustifolia
foetida
rubra

Pelargonium betulinum
crithmifolium
monstrosum
peltatum
triste
indicum

Phlomis fruticosa

Phlox divaricata
maculata
suffruticosa
svaveolens

Pimpinella germanica
magna

Pi-

| | |
|-------------------------|--------------------------|
| Piper blandum | Sempervivum globiferum |
| verticillatum | Senecio Doris |
| Polygonum scandens | Jacobæa |
| Portulacaria afra | Sideritis syriaca |
| Potentilla multifida | Silene fibrica |
| obscura | Silphium asteriscus |
| rupestris | Smyrnium nudicaule |
| supina | Solidago altissima |
| verticillata | mexicana |
| Primula integrifolia | Sonchus fruticosus |
| Prunus Lauro-Cerasus | Spielmannia africana |
| Pyrethrum roseum | Spiræa chamædryfolia |
| Rhus Toxicodendron | trilobata |
| Rudbeckia laciniata | Stachys alpina |
| Ruellia clandestina | Stapelia Asterias |
| Rumex alpinus | cæspitosa |
| scutatus | campanulata |
| Salvia brittanica | elegans |
| byzantina | hirsuta |
| Sanguisorba officinalis | revoluta |
| Scabiosa alpina | indeterm: |
| Scilla amoena | Symphytum orientale |
| Scorzonera caricifolia | Tarchonantus camphorat: |
| taraxacifol: | Teucrium Scorodonia |
| Scutellaria alpina | Thalictrum angustifolium |
| Sedum Aizoon | Cornuti |
| Anacamperos | lucidum |
| reflexum | purpurascens |

| | |
|----------------------|---------------------------|
| Thalictrum fibiricum | Veronica complicata |
| speciosum | hybrida |
| Trollius asiaticus | incana |
| Tusfilago alba | latifolia |
| Veltheimia Uvaria | teucrioides |
| Valeriana montana | urticæfolia |
| Veratrum album | virginica |
| Verbena prismatica | Vinea minor |
| caroliniana | Wachendorffia thyrsiflora |
| Veronica arguta | Westringia rosmarinifolia |
| australis | Wolkameria odorata |

Semina Plantarum

| | |
|------------------------|-----------------------|
| Acacia glauca | Aconitum pyramidale |
| Acæna Sanguisorba * | tauricum * |
| Acalypha Alopecurus * | uncinatum * |
| hispida | Adonis miniata |
| Achillea croatica * | Ægilops ovata |
| Eupatorium | sqvarrosa |
| grandiflora * | triuncialis |
| Achyranthes axillaris | Æschynomene indica * |
| ficoidea | Æthusa Bunias * |
| lappacea | Ageratum album |
| Aconitum neomontanum * | Agrostemma Coeli Rosa |
| ochroleucum * | Flos Jovis |
| | Agro- |

Agrostis Cinna *
 retrofracta
 tenacissima
 verticillaris
 Ahlströemia Pelegrina
 Aira pensylvanica
 Ajuga Chamæpithys *
 Aizoon canariense *
 hispanicum *
 Allium atropurpureum *
 cernuum *
 danubiale
 descendens
 lineare
 obliquum
 rubellum
 tataricum *
 Alopecurus agrestis
 Althæa hirsuta
 pallida
 Alysium campanulatum
 edentulum
 sinuatum
 tataricum *
 Ambrosia hirsuta *
 maritima
 Amaranthus albus
 bicolor

Amaranth: Blitum
 caudatus
 conglomeratus
 cruentus
 deflexus
 gangeticus
 hecticus
 incomptus
 inamœnus
 lætus
 littoralis
 lividus
 oleraceus
 paniceus *
 parisiensis
 polygonoides
 prostratus
 retroflexus
 sanguineus
 tricolor
 Amaryllis Reginae *
 vittata *
 Amethystea corymbosa *
 Ammannia ægyptiaca *
 auriculata *
 ramosior *
 Anagallis cærulea
 latifolia

Ana-

- | | |
|--------------------------|----------------------|
| Anastatica hierochuntica | Anthyllis Hermanniae |
| Anchusa angustifolia * | tetraphylla |
| italica * | vulneraria * |
| ochroleuca | Antirrhinum Asarina |
| sempervirens | chalepense * |
| zeylanica | cirrosum * |
| Andrachne telephioïdes * | hirtum * |
| Andropogon hirtus * | latifolium |
| strictus * | littorale |
| Androsace elongata * | macrocarpon * |
| filiformis | medium |
| macrantha | pyrenaicum * |
| nana | reticulatum |
| Anethum segetum | simplex * |
| Anemone alpina * | supinum |
| Anthemis altissima | versicolor * |
| arabica | Apargia crispa |
| clavata | Aphanes arvensis * |
| coronopifolia | Aquilegia alpina |
| discoïdea | glandulosa * |
| fuscata | Arabis alpina * |
| Hermanniae * | nutans * |
| maritima | pendula |
| montana | serpyllifolia |
| pubescens | stricta |
| Anthericum pendulum | Arctotis superba * |
| Anthoxanthum amarum * | Arenaria heteromalla |
| Anthyllis cornicina * | macrocarpa * |

Are-

- Arenaria media**
Argemone mexicana *
Armeria fasciculata
 latifolia
Arnopogon capensis
Artemisia Dracunculus *
Asclepias curasavica
 nivea
 parviflora *
Asperula squarrosa
 tinctoria
Asphodelus fistulosus *
Aster angustifolius *
 Cymbalariae *
 tenellus
Astragalus alpinus
 Arnacantha *
 baeticus
 Buceros *
 canaliculatus
 cymbæformis *
 deflexus *
 depressus *
 glycyphyllus
 hamosus *
 lanatus
 Onobrychis *
 sesameus
Astragal: fulcatus *
 tribuloides
 uliginosus
 virescens *
Athamantha Meum *
 rigida
Atriplex angustifolius *
 nitens *
 littoralis *
Avena brevis
 calycina
 nuda
 pennsylvanica
 recta
 sardinica *
 sibirica *
 sterilis
 tenuis
Axyris hybrida
Bafella alba
Beckmannia erucaeformis *
Begonia humilis *
Bellis annua
Beta maritima
 patula *
Bidens bullata *
 nodiflora
 pilosa

Biscutella *apula*
auriculata *
coronopifolia
depressa
laevigata *
raphanifolia
saxatilis
Bocconia *frutescens* *
Borago *africana*
indica
Brassica *chinensis*
Eruca
præcox
Briza *maxima*
minor
virens *
Bromus *maximus*
pendulinus
madritensis
pubescens
rigidus
squarrosus
stipoides
Browallia *demissa* *
elata *
lactea *
Bryonia *foetida* *
laciniosa

Büchnera *foetida*
Bunias *cochelearioides*
Erucago *
Bupthalmum *aquaticum* *
cordifolium
spinosum
Bupleurum *Gerardi* *
perfoliatum *
femicompos. *
Cacalia *sagittata* *
sonchifolia *
Cachrys *latifolia* *
Calendula *denticulata* *
hybrida
pluvialis *
sinuata *
stellata *
Calymenia *viscosa* *
Campanula *barbata*
capensis
carpatica *
caucasica *
Erinus *
hybrida
interrupta
lactiflora
ligulata
lobelioides
 Cam-

| | |
|-------------------------------|------------------------------|
| Campanula nutans | Carthamus mitissimus |
| obliqua * | tinctorius |
| pyramidalis * | Cassia Chamæcrista * |
| ruthenica | niçtitans * |
| sibirica | procumbens * |
| liliiifolia * | Thora |
| trachelioides | Catananche cærulea * |
| Canna angustifolia | Caucalis daucoides * |
| glauca | grandiflora |
| indica * | leptophylla * |
| Capparis ovata * | nodosa * |
| Capraria biflora * | platycarpus |
| Capsicum baccatum | Celofia argentea |
| cerasiforme | elongata |
| conicum | virginea |
| grosfum | Celsia Arcturus * |
| nigrum | coromandeliana * |
| sinense * | elata |
| Cardamine parviflora * | heterophylla |
| Carduus personatus | lanata * |
| Carex cyperoides * | orientalis * |
| divulsa | Celtis Tournefortii * |
| hordeisticha * | Cenchrus capitatus |
| multiflora * | muricatus |
| maxima * | tribuloides |
| Carpesium cernuum | Centaurea Adami |
| Carpinus orientalis * | amara |
| Carthamus creticus | aspera |

- Centaurea atropurpurea**
 Behen *
 calocephala *
 cicutæfolia
 collina
 elongata
 eriophora
 ferox
 Galactites
 melitensis
 ochroleuca *
 pectinata
 pubescens *
 rhapontica *
 salmantica
 sempervirens
 feridis
 ficula
 tatarica *
 transylvanica
- Cerastium dichotomum**
 perfoliatum *
 rotundifolium
- Cercis Siliquastrum ***
- Chærophyllyum aureum ***
 hirsutum *
- Chelidonium corniculatum**
- Chenopodium atriplicifol:**
- Chenopodium caudatum ***
 foetidum *
 guineense
- Cheiranthus cuspidatus ***
 fenestralis
 littoreus *
 mutabilis
 odoratissimus
 paniculatus *
 parviflorus *
 sinuatus *
 turritoides
- Chironia conferta ***
- Chrysanthem: coccineum ***
 fegetum
- Chloris barbata ***
 fasciculata
 petræa
- Cichorium divaricatum ***
- Cicuta maculata ***
- Cineraria aurita**
 campestris *
 geifolia
 populifolia
- Cirsium tataricum ***
- Cistus albidus**
 canariensis
 crispus

Cistus Fumana *

italicus

ledifolius

niloticus

vaginatus

mutabilis

Claytonia perfoliata

Cleome aculeata *

arabica *

gigantea *

pungens

violacea *

Clypeola Jonthlaspi

Cnicus altissimus

Casabonæ

Cochlearia heterophylla *

officinalis *

Coix Lacryma

Colutea arborescens

herbacea *

Commelina africana

angustifolia

caroliniana

cœlestis

Conium dichotomum *

Convolvulus discolor

Nil

ficulus

Convolvulus fibiricus *

Conyza axillaris *

chinenfis *

ficula

Corchorus olitorius

filiquosus

trilocularis *

Coriandrum testiculatum *

Cornus sanguinea *

Coronilla aculeata *

coronata *

glauca *

Emerus *

fecuridaca

valentina

Cotula anthemoides *

aurea *

bicolor

coronopifolia

Cotyledon peltatum *

Umbilicus *

Crambe filiformis

Cratægus melanocarpa *

monogyna *

orientalis *

terminalis *

Crepis coronopifolia

hispida

- Crepis nemausensis**
 virens
Crotalaria elata
 incana *
 retusa
Croton argenteum
 lobatum *
Crucianella angustifolia
 mucronata
Cucubalus catholicus *
 glaucus
 mollissimus
 multiflorus
 Orites *
 italicus *
 parviflorus
Cucumis Dudaim *
Cucurbita aurantia *
 lagenaria
Cunila capitata *
Cuphea viscosissima
Cupressus fastigiata
Cynoglossum apenninum
 cheirifolium
 pictum
Cynosurus echinatus
 reflexus *
Cyperus alternifolius *
- Cyperus asper** *
 coræformis *
 esculentus
 flavescens *
 mucronatus *
 panicus *
 paniculatus *
 strigosus *
Cyrtanthus angustifolius
Dalea Lagopus
Datura Ceratocarpon *
 fastuosa *
 ferox
 Metel *
Delphinium grandiflorum
Dianthus Armeria
 atrorubens
 caucasicus
 chinensis *
 patens
 prolifer
 Pseudo-Armeria
 superbus
 virginicus
 purpureus *
Dorstenia Contrayerva
Dorycnium fruticosum
 monspeliense *
 Di-

- | | |
|---------------------------------|----------------------------------|
| Digitalis ambigua * | Elymus fibiricus |
| lanata | tener |
| parviflora * | Epilobium alpinum * |
| purpurea | Eranthemum parviflorum |
| Thapsi * | Erianthus sacharoides |
| Dipsacus laciniatus | Erigeron delphinifolium * |
| Dolichos Lablab | graveolens |
| fesquipedalis | linifolium * |
| sinensis | Villarsii |
| Draba aizoides * | Erinus alpinus * |
| stellata * | Erodium hymenodes |
| Dracocephal: canescens | moschatum |
| peltatum | multicaule |
| peregrin: * | romanum |
| Echinops sphærocephal: * | Ervum Camelorum * |
| Echium asperrimum | Eryngium amethystinum * |
| cæruleum * | odoratum * |
| creticum * | Ethulia conyzoides * |
| giganteum * | Euphorbia canescens * |
| italicum * | diversifolia * |
| plantagineum | geniculata |
| Eclipta erecta * | genistoides |
| Eleusine ægyptiaca | Humboldtii |
| coracana | micrantha |
| filiformis | pilulifera * |
| Elichrysium fulgidum | portlandica |
| lucidum | prunifolia |
| Elymus crinitus | sexangularis |

Eu-

- Euphorbia undulata ***
 *virgata **
Evolvulus linifolius *
Evonymus verrucosus *
Exacum viscosum *
Ferula persica *
Festuca alopecuroides *
 bromoides
 calycina
 cristata
 divaricata
 *fluitans **
 poæformis
 *rigida **
 tenella
 vaginata
Frankenia pulverulenta *
Fraxinus oxyphylla
Fuchsia coccinea *
Fumaria aurea
 *capnoides **
 *lutea **
Galega orientalis
 *officinalis **
 *stricta **
Galinsogea Acemella
 triloba
Galium adhærens
- Galium parisiense**
 *scaberrimum **
 spurium
 *tricorne **
Gaura mutabilis
 *tripetala **
Genista falcata
 linifolia
Georgina variabilis
Geranium carolinianum
 *fragrans **
 *phæum **
 pusillum
Geum intermedium *
Glinus lotoides *
Glycine caribæa
 *precatoria **
 *rubicunda **
 *tomentosa **
Gnaphal: cephaloideum
 foetidum
 nitidum
 *undulatum **
Gomphrena brasiliensis
 decumbens
Gorteria rigens
Gossypium barbadense
 *chinense **
 Gos-